

(iv) Military Department: Air Force (AT-D-BAA).

(v) Prior Related Cases, if any: AT-D-QCR, AT-D-QAE, AT-D-QCS, AT-D-SAQ, AT-D-SEN, AT-D-SGT.

(vi) Sales Commission, Fee, etc., Paid, Offered, or Agreed to be Paid: None.

(vii) Sensitivity of Technology Contained in the Defense Article or Defense Services Proposed to be Sold: See Attached Annex.

(viii) Date Report Delivered to Congress: February 22, 2022.

\*As defined in Section 47(6) of the Arms Export Control Act.

#### POLICY JUSTIFICATION

##### Australia—LAIRCM Line Replaceable Units (LRUs)

The Government of Australia has requested the possible sale of AN/AAQ 24(V)N Large Aircraft Infrared Countermeasures (LAIRCM) component systems required to support an ongoing upgrade of its large Air Mobility Platforms, which include C-17As, KC-30As, and C-130Js. As such, the Government of Australia has requested to buy twenty-seven (27) AN/AAQ 24(V)N Large Aircraft Infrared Countermeasures (LAIRCM) System Processor Replacements (LSPR) (27 installed, 0 spares); and thirty (30) Guardian Laser Turret Assemblies (GLTA) (30 installed, 0 spares). Also included are LAIRCM Control Indicator Unit Replacements (CIURs); Advanced Threat Missile Warning Sensors (ATWs); Smart Card Assemblies (SCAs); High Capacity Cards/User Data Memory Cards (HCCs/UDMs) (installed and spares); Simple Key Loaders; initial spares, consumables, and repair/return support; support and test equipment; integration and test support; personnel training, publications and technical documentation; U.S. Government and contractor engineering, technical and logistics support services; and other related elements of logistical and program support. The estimated total value is \$122 million.

This proposed sale will support the foreign policy and national security objectives of the United States. Australia is one of our most important allies in the Western Pacific. The strategic location of this political and economic power contributes significantly to ensuring peace and economic stability in the region. It is vital to the U.S. national interest to assist our ally in developing and maintaining a strong and ready self-defense capability.

The proposed sale will improve Australia's capability to meet current and future threats by providing modern protection for large air mobility platforms. These countermeasures are crucial to defeating modern threats. Australia will have no difficulty absorbing these articles into its armed forces.

The proposed sale of this equipment and support will not alter the basic military balance in the region.

The principal contractors will be Northrup Grumman Corporation, Rolling Meadows, IL; and The Boeing Company, Long Beach, CA, and San Antonio, TX. There are no known offset agreements proposed in connection with this potential sale.

Implementation of this proposed sale will require the assignment of 0.5 Full-Time Equivalent (FTE) additional U.S. Government representatives and 0.5 FTE U.S. contractor representatives to support Australia from the U.S. for a duration of five (5) years to support program management and engineering activities necessary to field and sustain LAIRCM on multiple Royal Australian Air Force platforms.

There will be no adverse impact on U.S. defense readiness as a result of this proposed sale.

TRANSMITTAL NO. 22-15

#### Notice of Proposed Issuance of Letter of Offer Pursuant to Section 36(b)(1) of the Arms Export Control Act

##### Annex Item No. vii

##### (vii) Sensitivity of Technology:

1. The AN/AAQ-24(V)N LAIRCM system is a self-contained, directed-energy countermeasures system designed to protect aircraft from infrared-guided surface-to-air missiles. The LAIRCM system features digital technology micro-miniature solid-state electronics. The system operates in all conditions, detecting incoming missiles and jamming infrared-seeker equipped missiles with aimed bursts of laser energy. The LAIRCM system consists of the Guardian Laser Transmitter Assembly (GLTA), LAIRCM System Processor Replacement (LSPR), multiple Advanced Threat Missile Warning Sensors (ATW), the Control Interface Unit Replacement (CIUR), and the Classified Memory Card User Data Module. The AN/PYQ-10 Simple Key Loader is also a necessary device.

2. The Guardian Laser Transmitter Assembly (GLTA) is a laser transmitter pointer/tracker subsystem designed to track the inbound threat missile and point the laser jam source at the missile's seeker. The GLTA automatically deploys the countermeasure.

3. The LAIRCM System Processor Replacement (LSPR) analyzes the data from each Missile Warning Sensor and automatically deploys the appropriate countermeasure via the GLTA. The LSPR contains Built-in-Test (BIT) circuitry.

4. The AN/PYQ-10 Simple Key Loader is a portable, hand-held device used for securely receiving, storing, and transferring data between compatible cryptographic and communications equipment.

5. The Advanced Threat Missile Warning Sensors (ATW) detect and declare threat missiles. The sensors are mounted on the aircraft exterior to provide omni-directional protection. The sensors detect the rocket plume of missiles and send appropriate data signals to the LSPR for processing.

6. The Control Interface Unit Replacement (CIUR) displays the incoming threat for the pilot to take appropriate action. The CIUR also provides operator interface to program the LAIRCM system to initiate built-in-test (BIT), to display system status, and to provide the crew with bearing to threat missile launch.

7. The Classified Memory Card User Data Module contains the laser jam codes. The Classified Memory Card User Data Module is loaded into the LSPR prior to flight; when not in use, the Classified Memory Card User Data Module is removed from the LSPR and put in secure storage.

8. The highest level of classification of defense articles, components, and services included in this potential sale is SECRET.

9. If a technologically advanced adversary were to obtain knowledge of the specific hardware and software elements, the information could be used to develop countermeasures that might reduce weapon system effectiveness or be used in the development of a system with similar or advanced capabilities.

10. A determination has been made that Australia can provide substantially the same degree of protection for the sensitive technology being released as the U.S. Government. This sale is necessary in furtherance of the U.S. foreign policy and national security objectives outlined in the Policy Justification.

11. All defense articles and services listed in this transmittal have been authorized for release and export to the Government of Australia.

#### ARMS SALES NOTIFICATION

Mr. MENENDEZ. Madam President, section 36(b) of the Arms Export Control Act requires that Congress receive prior notification of certain proposed arms sales as defined by that statute. Upon such notification, the Congress has 30 calendar days during which the sale may be reviewed. The provision stipulates that, in the Senate, the notification of proposed sales shall be sent to the chairman of the Senate Foreign Relations Committee.

In keeping with the committee's intention to see that relevant information is available to the full Senate, I ask unanimous consent to have printed in the RECORD the notifications which have been received. If the cover letter references a classified annex, then such annex is available to all Senators in the office of the Foreign Relations Committee, room SD-423.

There being no objection, the material was ordered to be printed in the RECORD, as follows:

DEFENSE SECURITY  
COOPERATION AGENCY,  
Arlington, VA.

Hon. ROBERT MENENDEZ,  
Chairman, Committee on Foreign Relations,  
U.S. Senate, Washington, DC.

DEAR MR. CHAIRMAN: Pursuant to the reporting requirements of Section 36(b)(1) of the Arms Export Control Act, as amended, we are forwarding herewith Transmittal No. 21-59 concerning the Army's proposed Letter(s) of Offer and Acceptance to the Government of Kuwait for defense articles and services estimated to cost \$1 billion. After this letter is delivered to your office, we plan to issue a news release to notify the public of this proposed sale.

Sincerely,

JAMES A. HURSCH,  
Director.

Enclosures.

TRANSMITTAL NO. 21-59

Notice of Proposed Issuance of Letter of Offer Pursuant to Section 36(b)(1) of the Arms Export Control Act, as amended

(i) Prospective Purchaser: Government of Kuwait.

(ii) Total Estimated Value:  
Major Defense Equipment \* \$0 billion.  
Other \$1 billion.  
Total \$1 billion.

(iii) Description and Quantity or Quantities of Articles or Services under Consideration for Purchase:

Major Defense Equipment (MDE): None.

Non-MDE: Planning, design, construction, and associated procurement of Kuwait Ministry of Defense (KMOD) Headquarters Complex in Kuwait. This includes provisions for all physical building and infrastructure construction costs. The U.S. Army Corps of Engineers will provide life cycle design, construction, and project management, engineering services, technical support, facility and infrastructure assessments, surveys, planning, programming, design, acquisition, contract administration, construction management, and other technical services. The overall project includes over twenty facilities, including primary headquarters facilities for both civilian and military leadership, as well as any and all engineering studies, designs, construction, and construction management services necessary in order to provide a fully functioning headquarters complex.

(iv) Military Department: Army (KU-B-HBJ).

- (v) Prior Related Cases, if any: KU-B-BAT.
- (vi) Sales Commission, Fee, etc., Paid, Offered, or Agreed to be Paid: None known.
- (vii) Sensitivity of Technology Contained in the Defense Article or Defense Services Proposed to be Sold: None.
- (viii) Date Report Delivered to Congress: February 22, 2022.
- \* As defined in Section 47(6) of the Arms Export Control Act.

## POLICY JUSTIFICATION

Kuwait—Design and Construction of the Kuwait Ministry of Defense Headquarters Complex

The Government of Kuwait has requested to buy planning, design, construction, and associated procurement of Kuwait Ministry of Defense (KMOD) Headquarters Complex in Kuwait. This includes provisions for all physical building and infrastructure construction costs. The U.S. Army Corps of Engineers will provide life cycle design, construction, and project management, engineering services, technical support, facility and infrastructure assessments, surveys, planning, programming, design, acquisition, contract administration, construction management, and other technical services. The overall project includes over twenty facilities, including primary headquarters facilities for both civilian and military leadership, as well as any and all engineering studies, designs, construction, and construction management services necessary in order to provide a fully functioning headquarters complex. The estimated total cost is \$1 billion.

This proposed sale will support the foreign policy and national security objectives of the United States by helping to improve the infrastructure of a Major Non-NATO ally that has been an important force for political stability and economic progress in the Middle East.

This proposed sale will improve Kuwait's capability to meet current and future threats by modernizing the KMOD headquarters and associated infrastructure. Kuwait will have no difficulty absorbing this infrastructure, support, and associated services into its armed forces.

The proposed sale of this infrastructure and support will not alter the basic military balance in the region.

No principal contractor has been identified for this sale. Contracts funded by this case are likely to be competitive acquisitions. The host nation has the ability to limit competition if they so choose, but has not requested to do so at this time. There are no known offset agreements proposed in connection with this potential sale.

Implementation of this proposed sale will require the assignment of as many as ten (10) additional U.S. Government or U.S. contractor representatives to Kuwait for a duration of up to seven (7) years to provide construction management and oversight. It may be possible to utilize locally available labor to provide some oversight services in lieu of the assignment of U.S. personnel to the program.

There will be no adverse impact on U.S. defense readiness as a result of this proposed sale.

## ARMS SALES NOTIFICATION

Mr. MENENDEZ. Madam President, section 36(b) of the Arms Export Control Act requires that Congress receive prior notification of certain proposed arms sales as defined by that statute. Upon such notification, the Congress has 30 calendar days during which the

sale may be reviewed. The provision stipulates that, in the Senate, the notification of proposed sales shall be sent to the chairman of the Senate Foreign Relations Committee.

In keeping with the committee's intention to see that relevant information is available to the full Senate, I ask unanimous consent to have printed in the RECORD the notifications which have been received. If the cover letter references a classified annex, then such annex is available to all Senators in the office of the Foreign Relations Committee, room SD-423.

There being no objection, the material was ordered to be printed in the RECORD, as follows:

DEFENSE SECURITY  
COOPERATION AGENCY,  
Arlington, VA.

Hon. ROBERT MENENDEZ,  
Chairman, Committee on Foreign Relations,  
U.S. Senate, Washington, DC.

DEAR MR. CHAIRMAN: Pursuant to the reporting requirements of Section 36(b)(5)(C) of the Arms Export Control Act (AECA), as amended, we are forwarding Transmittal No. 22-0C. This notification relates to enhancements or upgrades from the level of sensitivity of technology or capability described in the Section 36(b)(1) AECA certification 20-35 of September 30, 2020.

Sincerely,

JEDIDIAH P. ROYAL  
(For James A. Hursch, Director).

Enclosures.

TRANSMITTAL NO. 22-0C

Report of Enhancement or Upgrade of Sensitivity of Technology or Capability (Sec. 36(B)(5)(C), AECA)

- (i) Purchaser: Government of Switzerland.
- (ii) Sec. 36(b)(1), AECA Transmittal No.: 20-35.

Date: September 30, 2020.

Implementing Agency: Air Force, Navy.

(iii) Description: On September 30, 2020, Congress was notified by Congressional certification transmittal number 20-35 of the possible sale, under Section 36(b)(1) of the Arms Export Control Act, of up to forty (40) F-35 Joint Strike Fighter Conventional Take Off and Landing (CTOL) aircraft; forty-six (46) Pratt & Whitney F-135 engines; forty (40) Sidewinder AIM-9X Block II+ (Plus) Tactical Missiles; fifty (50) Sidewinder AIM-9X Block II Captive Air Training Missiles (CATMs); six (6) Sidewinder AIM-9X Block II Special Air Training Missiles (NATMS); four (4) Sidewinder AIM-9X Block II Tactical Guidance Units; ten (10) Sidewinder AIM-9X Block II CATM Guidance Units; eighteen (18) KMU-572 JDAM Guidance Kits for GBU-54; twelve (12) Bomb MK-82 500LB, General Purpose; twelve (12) Bomb MK-82, Inert; twelve (12) GBU-53/B Small Diameter Bomb II (SDB II) All-Up Round (AUR); and eight (8) GBU-53/B SDB II Guided Test Vehicle (GTV). Also included are Electronic Warfare Systems; Command, Control, Communications, Computer and Intelligence/Communications, Navigational, and Identification (C4I/CNI); Autonomic Logistics Global Support System (ALGS); Autonomic Logistics Information System (ALIS); Full Mission Trainer; Weapons Employment Capability and other Subsystems, Features, and Capabilities; F-35 unique infrared flares; reprogramming center access; F-35 Performance Based Logistics; software development/integration; flight test instrumentation; aircraft ferry and tanker support; Detector Laser DSU-38A/B, Detector Laser DSU-38A(D-2)/B, FMU-139D/B Fuze, KMU-572(D-2)/B Trainer

(JDAM), 40 inch Wing Release Lanyard; GBU-53/B SDB II Weapon Load Crew Trainers (WLCT); Cartridge, 25 mm PGU-23/U; weapons containers; aircraft and munitions support and test equipment; communications equipment; spares and repair parts; repair and return support; personnel training and training equipment; publications and technical documents; U.S. Government and contractor engineering, technical, and logistics support services; and other related elements of logistical and program support. The total estimated cost was \$6.58 billion. Major Defense Equipment (MDE) constituted \$4.08 billion of this total.

On December 4, 2020, Congress was notified by Congressional certification transmittal number 0B-21 of a clarification of eighteen (18) FMU-139D/B Fuzes as MDE items. This transmittal further reported a clarification of the description for AIM-9X Guidance Units from "four (4) Sidewinder AIM-9X Block II Tactical Guidance Units" to "four (4) Sidewinder AIM-9X Block II+ (plus) Tactical Guidance Units." The total MDE remained \$4.08 billion. The total case value remained \$6.58 billion.

This transmittal reports an extension of operation and sustainment costs for Switzerland's F-35 (non-MDE articles and services). There is no additional MDE being reported with this notification; as such, the total MDE value remains \$4.08 billion. The total cost of the new non-MDE articles and services is \$1.95 billion. The total case value will increase to \$8.53 billion.

(iv) Significance: This notification is provided due to the increased costs associated with the request for a longer period of Operations and Sustainment costs, as modified by the Swiss government from their original request.

(v) Justification: This proposed sale will support the foreign policy and national security of the United States by helping to improve the security of a friendly European nation that continues to be an important force for political stability and economic progress in Europe.

(vi) Sensitivity of Technology: The Sensitivity of Technology Statement contained in the original notification applies to articles and services here.

(vii) Date Report Delivered to Congress: February 18, 2022.

## TRIBUTE TO DR. SALLY ROCKEY

Ms. STABENOW. Mr. President, it is my privilege to recognize and honor Dr. Sally Rockey, the inaugural executive director of the Foundation for Food and Agriculture Research, and a pioneer in Federal research, on the occasion of her well-earned retirement.

Dr. Rockey's career has improved countless people's lives through research, and she continues this mission today. She has been a leader in the advancement of research programs in both agriculture and biomedicine. She spent almost 20 years with the U.S. Department of Agriculture managing competitive research grant programs, and she was with the National Institutes of Health—NIH—for 11 years as the NIH Deputy Director for Extramural Research, where she led the operations of the world's largest extramural research program.

Together with Senator Pat Roberts, I established the Foundation for Food and Agriculture Research in the 2014